

Form PTO-1449
INFORMATION DISCLOSURE CITATION
 FOR AN APPLICATION
 (Use several sheets if necessary)
 JUN 20 2001

Docket Number (Optional) HMSU-P14-006	Application Number 09/711724
Applicant Ingham et al.	
Filing Date 23-Nov-2000	Group Art Unit 1646

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ZH	AA 5,223,408	6/29/93	Goddet et al.	435	69.3	11-Jul-1991
ZH	AB 5,585,087	12/17/96	Lustig et al.	424	9.2	08-Jun-1994

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	
ZH	AC WO 90/02809	3/22/90	PCT	C12P	21/00		
ZH	AD WO 92/15679	9/17/92	PCT	C12N	15/10		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

ZH	AE	Anderson, R. et al., "Maintenance of ZPA signaling in cultured mouse limb bud cells", <i>Devel.</i> 117:142-1433 (1993).
ZH	AF	Angier, N. "Biologists find key genes that shape patterning of embryos", <i>New York Times</i> , Jan 11, 1994, C-1.
ZH	AG	Basler, K.I., and G. Struhl, "Compartment boundaries and the control of <i>Drosophila</i> limb pattern by hedgehog protein", <i>Nature</i> 368:208-214 (1994).
ZH	AH	Basler, K. et al., "Control of Cell Pattern in the Neural Tube: Regulation of Cell Differentiation by <i>dorsalin-1</i> , a Novel TGF β Family Member", <i>Cell</i> 73: 687-702 (May 21, 1993).
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ZH	AJ	Bejsovec, A. and E. Wieschaus, "Segment polarity gene interactions modulate epidermal patterning in <i>Drosophila</i> embryos", <i>Devel.</i> 119:501-517 (1993).
ZH	AK	Bienz, M., "Homeotic genes and positional signalling in the <i>Drosophila</i> viscera", <i>TIG</i> 10:22-26 (Jan. 1994).
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ZH	AP	Brockes, J., "We may not have a morphogen", <i>Nature</i> 350:15 (1991).		
ZH	AQ	Bumcrot, D.A. and McMahon A. "Sonic Hedgehog: Making the gradient", <i>Chemistry and Biology</i> 3 (1):13-16 (Jan. 1996).		
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ZH	AW	Concordet, J. and Ingham, P., "Developmental biology. Patterning goes sonic", <i>Nature</i> 375 (6529):279-280 (May 1995)		
ZH	AX	Creighton, T.E., <i>Proteins Structures and Molecular Principles</i> , W.H. Freeman and Company, New York, NY, pp. 223-227.		MISSING Date ZH Cited on 892
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ZH	AZ	Curry et al., "Sequence analysis reveals homology between two proteins of the flagellar radial spoke", <i>Mol. Cell. Biol.</i> 12:3967-3977 (1992)		
ZH	BA	Davidson, E.H., "How embryos work: a comparative view of diverse modes of cell fate specification", <i>Devel.</i> 108:365-389 (1990)		
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ZH	FA	Smith, J.C., "hedgehog, the floor plate, and the zone of polarizing activity", <i>Cell</i> <u>75</u> :193-196 (1994)
ZH	FB	Stach, S.E. et al., "Lithium perturbation and goosecoid expression identify a dorsal specification pathway in the pregastrula zebrafish", <i>Devel.</i> <u>117</u> :1261-1274 (1993)
ZH	FC	Stolow, M. and Shi, Y., "Xenopus sonic hedgehog as a potential morphogen during embryogenesis and thyroid hormone-dependent metamorphosis", <i>Nucleic Acids Res.</i> <u>23</u> (13):2555-1562 (July 1995)
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		Filing Date 23-Nov-2000	Group Art Unit 1646
		Tabata, T. and T.B. Kornberg, "Hedgehog Is a signaling protein with a key Role in patterning Drosophila imaginal discs", <i>Cell</i> <u>75</u> :89-102 (1994)	
ZH	FF	Tabata, T. et al., "The <i>Drosophila hedgehog</i> gene is expressed specifically in posterior compartment cells and is a target of <i>engrailed</i> regulations", <i>Genes Devel.</i> <u>6</u> :2635-2645 (1992)	
ZH	FG	Tabin, C.J., "Retinoids, homeoboxes, and growth factors: Toward molecular models for limb development", <i>Cell</i> <u>66</u> :199-217 (1991)	
ZH	FH	Tanabe, Y. et al., "Induction of motor neurons by Sonic hedgehog is independent of floor plate differentiation", <i>Curr. Biol.</i> <u>5</u> (6): 651-658 (June 1995)	
ZH	FI	Tanaka E. and Gann, A., "Limb development", <i>Curr. Biol.</i> <u>5</u> (6):594-597 (June 1995)	
ZH	FJ	Tashiro, S. et al., "Structure and expression of <i>hedgehog</i> , a <i>Drosophila</i> segment-polarity gene required for cell-cell communication", <i>Gene</i> <u>124</u> :183-189 (1993)	
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ZH	FL	Thaller, C. and G. Eichele, "Identification and spatial distribution of retinoids in the developing chick limb bud", <i>Nature</i> <u>327</u> :625-628 (1987)	
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ZH	FR	Vortkamp et al., Regulation of rate of cartilage differentiation by Indian hedgehog and PTH-related protein, <i>Science</i> , <u>273</u> : 613-622 (2 Aug 1996).	
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ZH	FW	Wells, J., "Additivity of Mutational Effects in Proteins", <i>Biochemistry</i> 29:8509-8517 (Sept. 18, 1990).	
ZH	FW	Yamada, T. et al., "Control of cell pattern in the developing nervous system: Polarizing activity of the floor plate and notochord", <i>Cell</i> 64:635-647 (1991)	
ZH	FX	Yang, Y. and L. Niswander, "Interaction between the signaling molecules WNT7a and SHH during vertebrate limb development: Dorsal signals regulate anteroposterior patterning" <i>Cell</i> 80:939-947 (Mar. 1995)	
ZH	FY	Zappavigna et al., "Hox4 genes encode transcription factors with potential auto-and cross-regulator capacities", <i>EMBO</i> 10:4177-4187 (1991)	
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